

TESTED 89822860

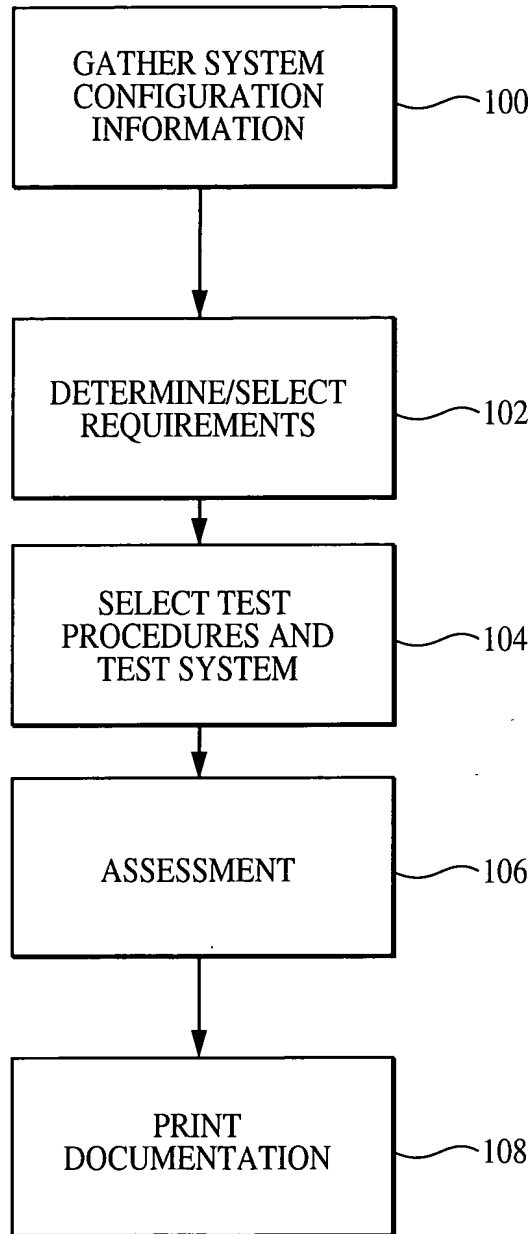


FIG. 1

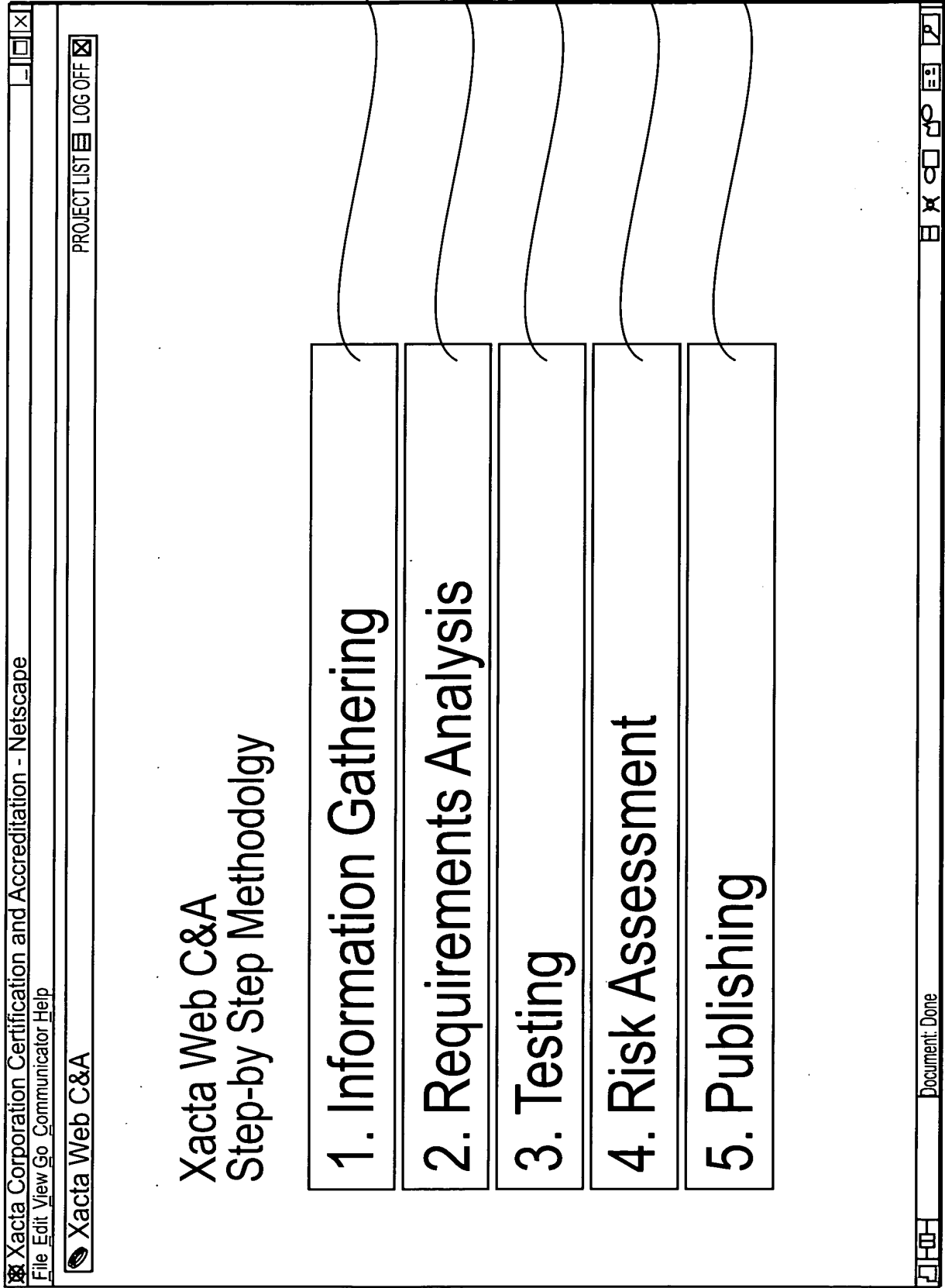


FIG. 2

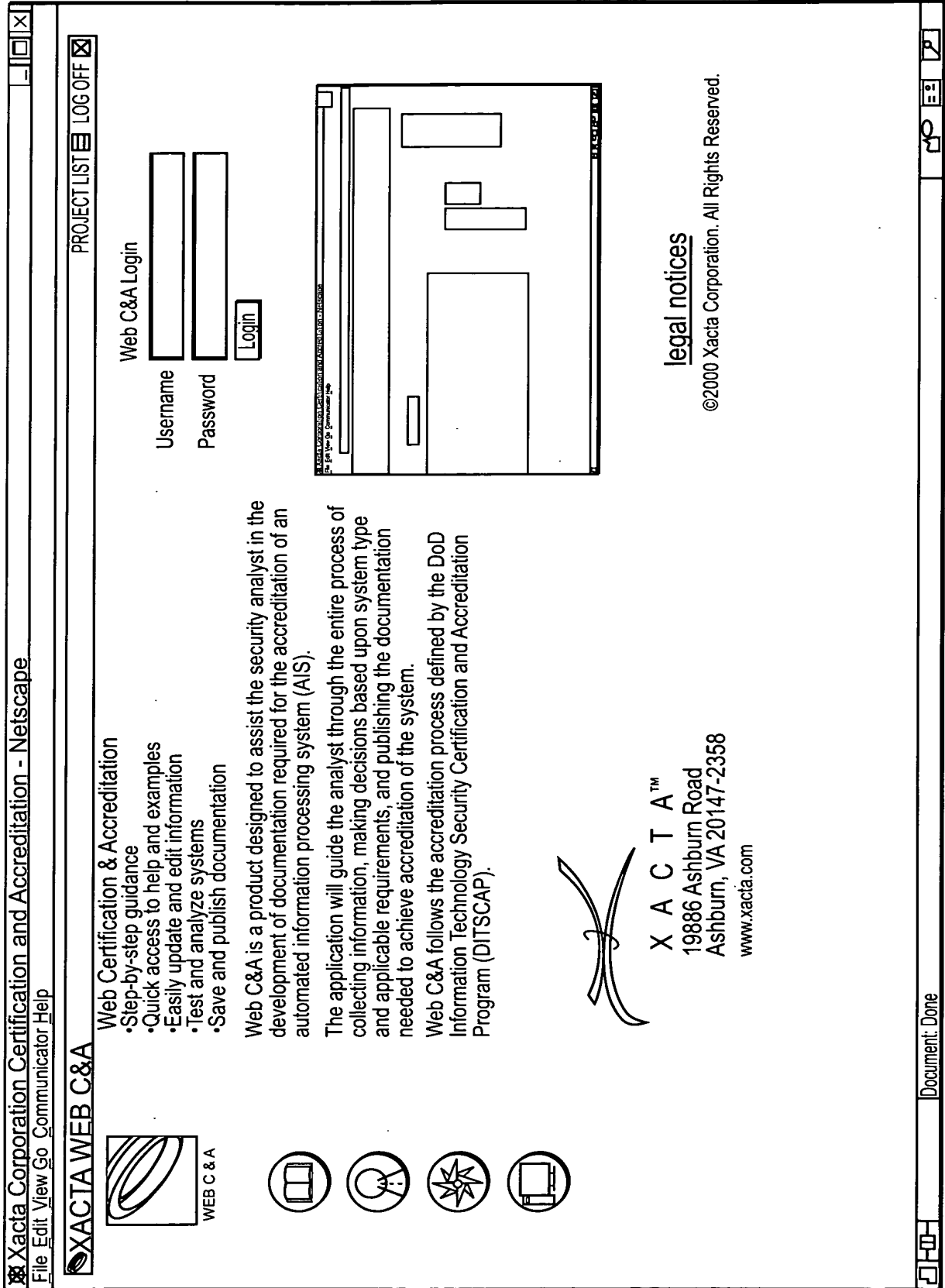


FIG. 3

**FIG. 4**

402

416

418

404

406

420

408

422

410

424

426

412

414

428

File Edit View Go Communicator Help

Xacta Corp. - WEB C&A Information Gathering - Netscape

PROJECT LIST LOG OFF

1. INFO GATHERING

2. REQUIREMENTS ANALYSIS

3. TESTING

4. RISK ASSESSMENT

5. PUBLISHING

Project Definition

Accreditation Type

Project Security

System Interfaces

Project Personnel

System Data Flow

System User Info.

Project Schedule

Project Threat

Project Appendix

Project: MT Project One

Project Definition

Required field (\*)- If applicable

Project Definition Information:

Name: MT Project One

Version: 2.0

Acronym\*: NTS

Description\*: The NTS is a computer-based personnel tracking and communications planning tool originally developed by the U.S. Air Force, and named the Air Force Automated Planning System (AFAPS). It has been modified by the Army to support communications planning until the Advance Tracking Planner (ATP) system. The NTS is used to

Save

Reset

Help

Example

DoD

-Select One--

Civilian

DoD

Enter and select Project Definition and Information and press Save. Next, click the Forward button on the status bar to continue on to the next step:

NEXT STEP

Info Gathering: Accreditation Type

Intro to Web C & A | Tools | Support | Legal Notices

©2000 Xacta Corporation. All rights reserved.

Document: Done

FIG. 5

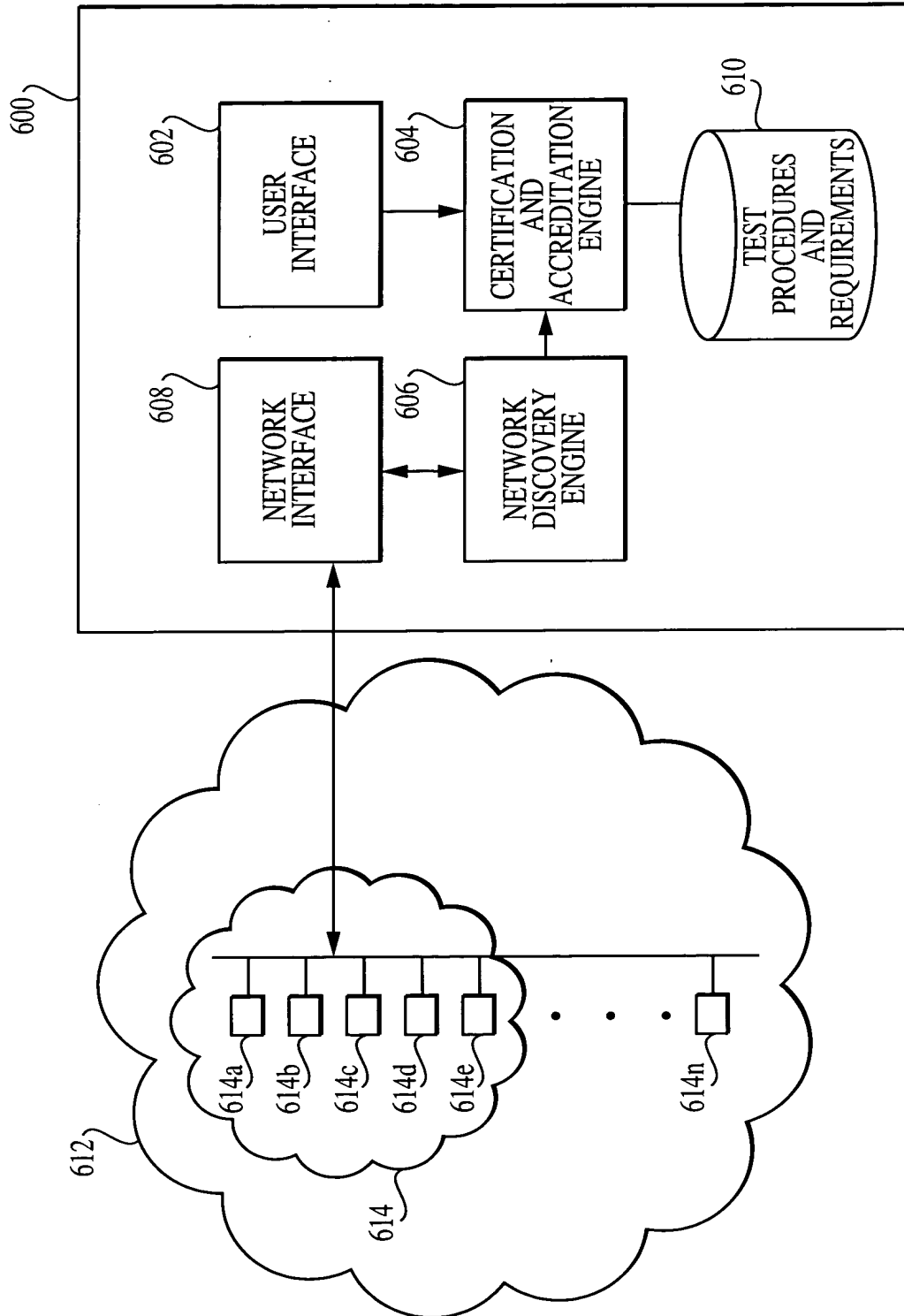


FIG. 6

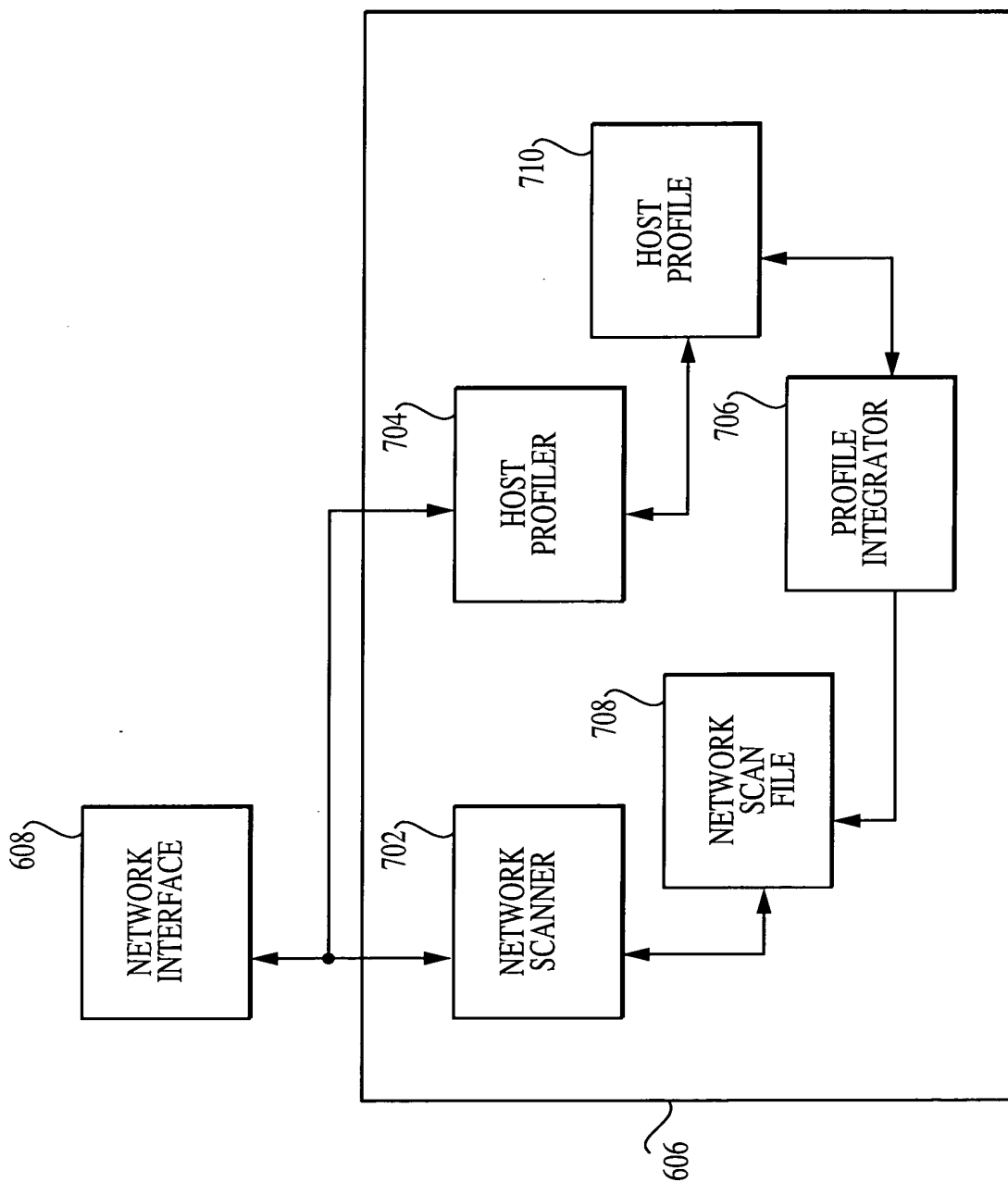


FIG. 7

802 [Network]  
 802a Name = Xacta  
 806 [Segment]  
 807 Name = Office  
 806a Network = Xacta  
 806b IPRange = 192.168.0.0-255  
 806c ScanDate = 12-01-2000  
 806d ScanDate = 12-15-2000  
 808 [Host]  
 808a IPAddress = 192.168.0.10  
 808b MAC = 01 02 03 04 05 06  
 808c Hostname = Banana  
 808d OS = Windows 98  
 808e Version = 2  
 810 [Host]  
 810a IPAddress = 192.168.0.20  
 810b MAC = 01 02 03 08 00 09  
 810c Hostname = Peach  
 810d OS = Windows NT  
 810e Version = 4.0  
 810f Mfr = HP  
 810g Model = Vectra XJ12  
 810h CPU = Pentium II  
 810i CPU Qty = 1  
 810j CPU Speed = 400 MHz  
 810k RAM = 128 MB  
 810l Disk Space = 60 GB  
 810l Software = Microsoft Office 8.0  
 810m Software = Autocad 14.1  
 810n Software = Adobe Acrobat 3.0  
 810o Software = Roadhog 1.1  
 810p

806

FIG. 8



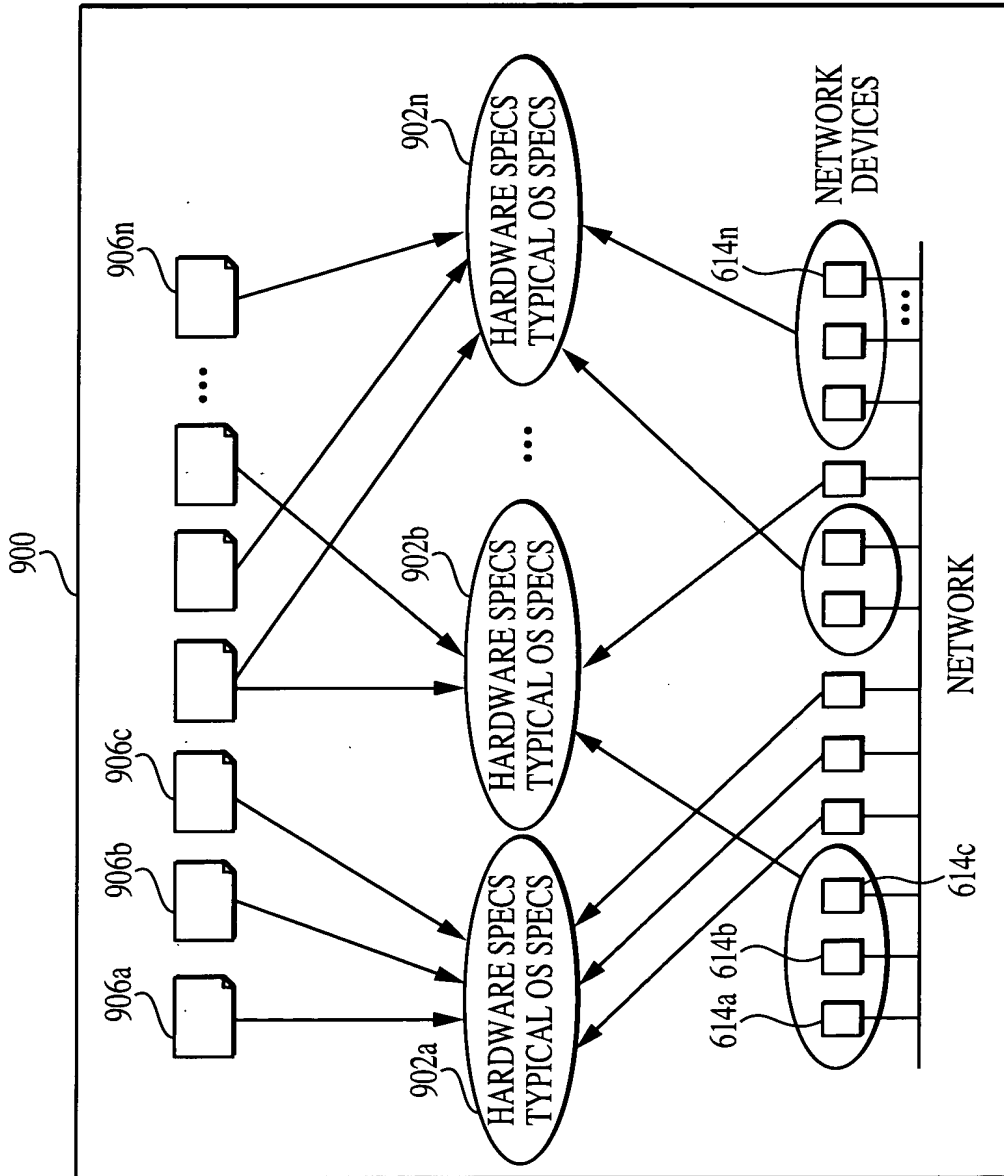


FIG. 9

FIG. 10

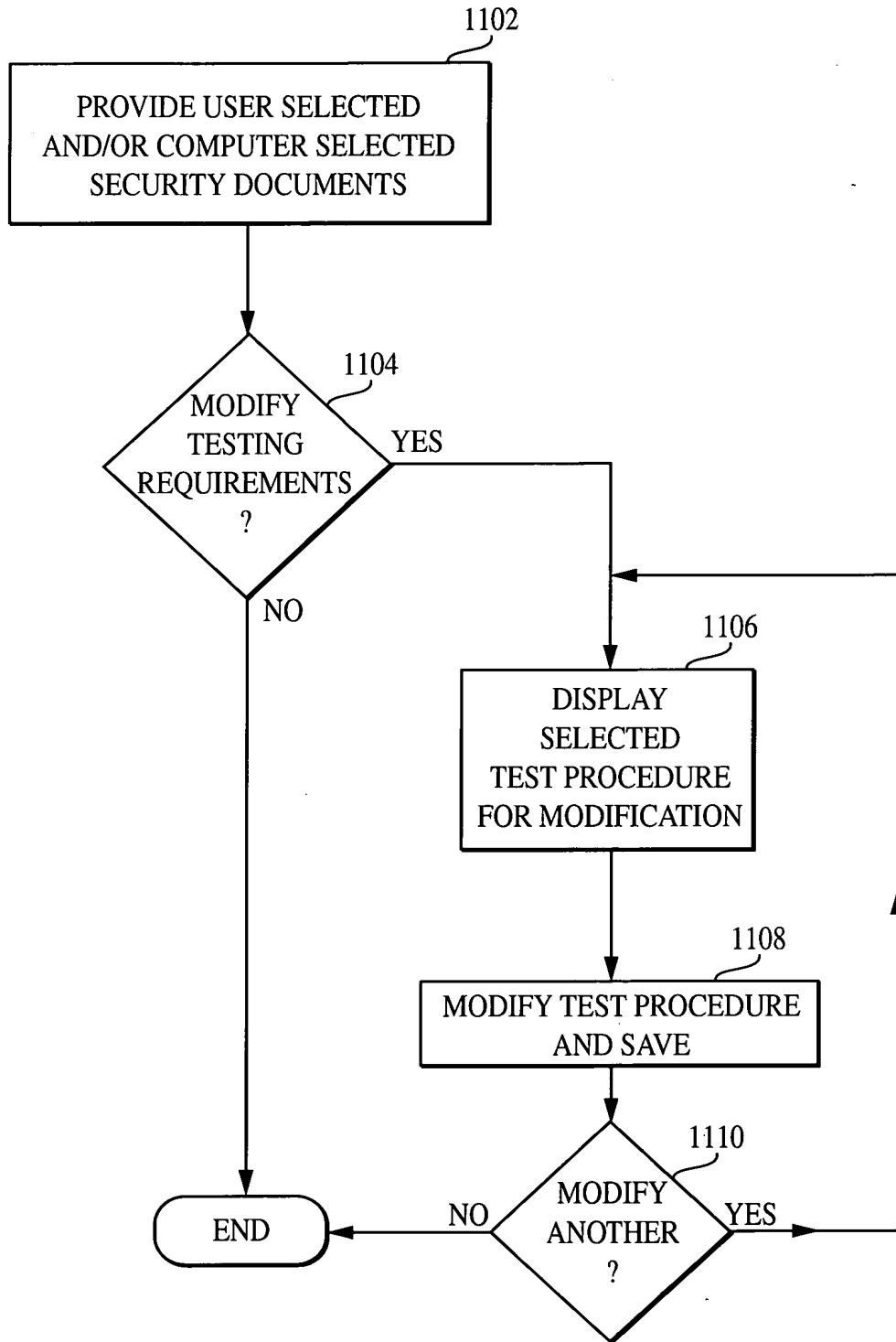


FIG. 11

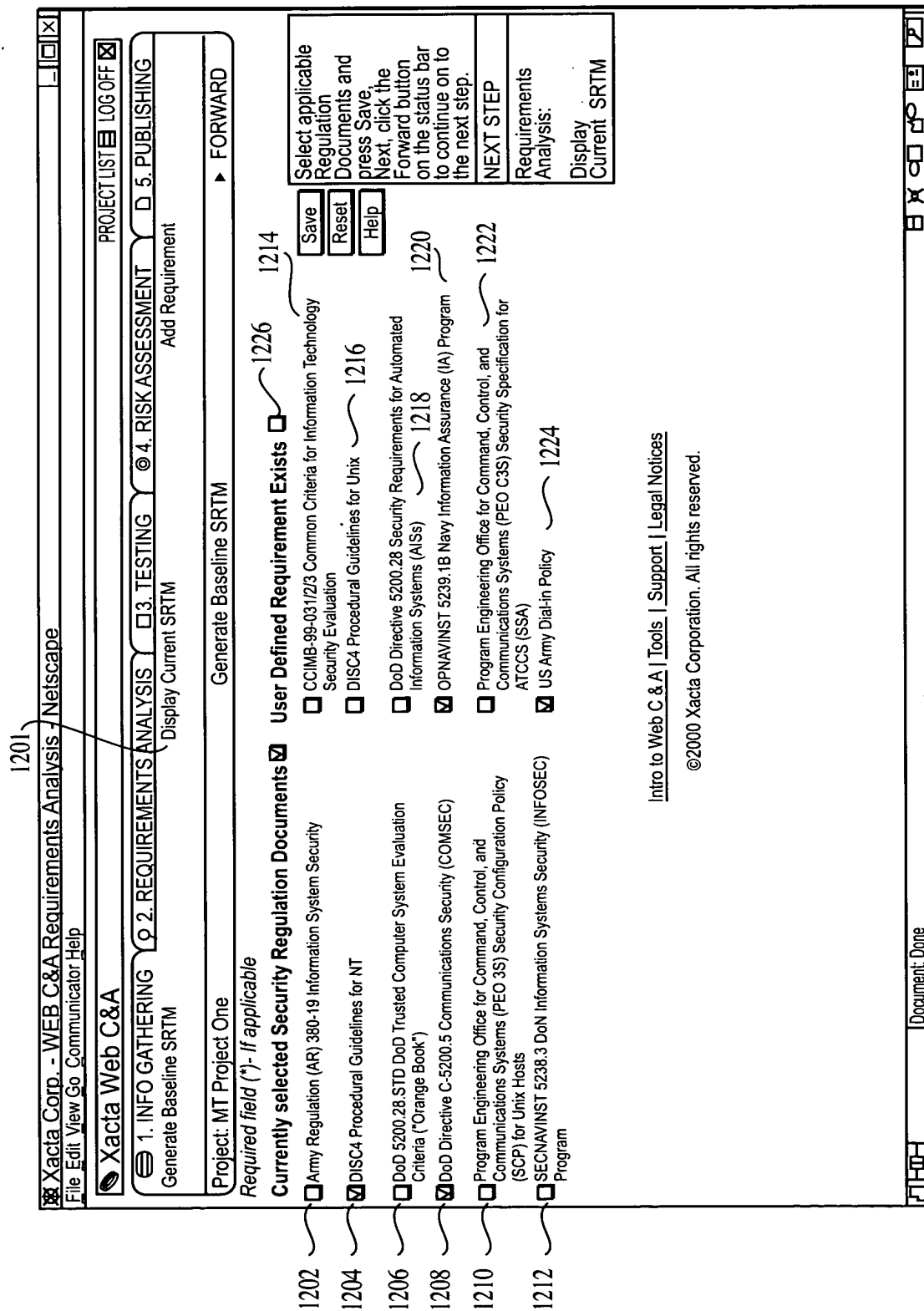


FIG. 12

Xacta Corp. - WEB C&A Requirements Analysis - Netscape  
File Edit View Go Communicator Help

PROJECT LIST

LOG OFF

1. INFO GATHERING

2. REQUIREMENTS ANALYSIS

3. TESTING

4. RISK ASSESSMENT

5. PUBLISHING

Generate Baseline SRTM

Display Current SRTM

Project: MT Project One

Display Current SRTM

BACK FORWARD

Project: MT Project One

Required field (\*) - If applicable

SRTM Publishing: Appendix F

Source Document

Paragraph

Title

Stated Requirement

Edit

Delete

DoD5200.5

D.1

Protection of transmitted information

View Details

x

DoD5200.5

D.3

Use of NSA endorsed COMSEC products

View Details

x

DoD5200.5

D.4

Protection of Sensitive Information

View Details

x

OPNAV5238.1B

6

OPNAV Policy

View Details

x

Page 1 of 1

After viewing and/or editing Requirements, click the Forward button on the status bar to continue on to the next step:

NEXT STEP

Requirements Analysis:

Add Requirements

Intro to Web C & A

Tools

Support

Legal Notices

©2000 Xacta Corporation. All rights reserved.

Document: Done

FIG. 13

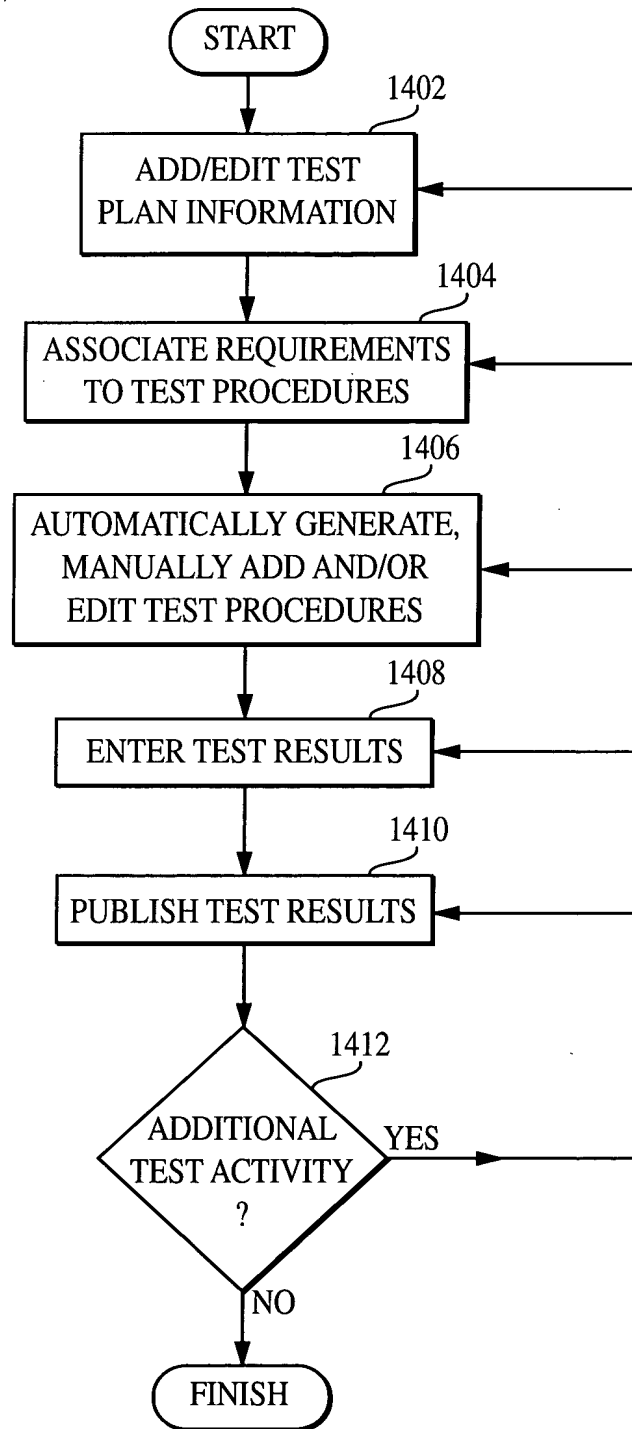


FIG. 14

1502

1504

1506

1510

1546

1508

Xacta Corp. - WEB C&A Testing - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Messenger

Address http://lathawebca1.1/Test/webca\_TestPlan.asp

Go Links

Xacta Web C&A

PROJECT LIST LOG OFF

1. INFO GATHERING 2. REQUIREMENTS ANALYSIS 3. TESTING 4. RISK ASSESSMENT 5. PUBLISHING

Test Plan Info Associate Requirements Test Procedures Enter Test Results Security Check List

Project: user01

Warning: Previously published sections related to "Edit Test Plan Info" must be re-published to reflect your changes

Required field (\*) - If applicable

Test Group: ST&E

Expected Date of Test\*

The Security Test and Evaluation (ST&E) procedures will be executed from 1 May 2000 through 30 May 2000. The dates and expected completion are contingent upon the availability of the equipment, documentation, and domain personnel required

Test Resources\*

The following resources are required to complete the ST&E procedures for the evaluation of the system.

List of System Components

List of system and security documentation

Remarks\*

Additional remarks related to the conduct of the ST&E procedures.

Planned Location of Procedure\*

The ST&E procedures entail a review of the available security documentation and the interview of key development personnel. The procedures will be conducted at the home facility of the accreditation team members and the primary system development facility

Test Personnel\*

The following test personnel are assigned to complete the system Security Test and Evaluation procedures:

List of Accreditation Team members

Save Clear Help

Choose a Test Group and then enter the test plan info in the fields provided. After completing, click on the save button to save the changes and click the Forward button on the status bar to continue on to the next step.

Associate Requirements

NEXT STEP

Testing:

Associate Requirements

Done Local intranet

FIG. 15

Back

Forward

Stop

Refresh

Home

Search

Favorites

History

Mail

Print

Edit

Discuss

Messenger

Address http://latha/webca1.1/Test/webca AssociateTestProc.asp

Go Links

PROJECT LIST

LOG OFF

1. INFO GATHERING

2. REQUIREMENTS ANALYSIS

3. TESTING

4. RISK ASSESSMENT

5. PUBLISHING

Test Plan Info

Associate Requirements

Test Procedures

Enter Test Results

Security Check List

Project: user01

Associate Requirements

BACK FORWARD

Warning: Previously published sections related to "Associate Requirements" must be re-published to reflect your changes

Required field (\*)- If applicable

SourceDoc	Paragraph	Title	Create ST&E	Create ST&E	Associate
BBBB	BBBB	BBBB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Page 1 of 1

Help

Select a Requirement you wish to associate with a Test Procedure. You may also create a new ST&E or CT&E procedure and associate. After associating all the requirements to test procedures click the Forward button on the status bar to continue on to the next step.

NEXT STEP

Testing:

Test Procedures

Done

Local intranet

FIG. 16



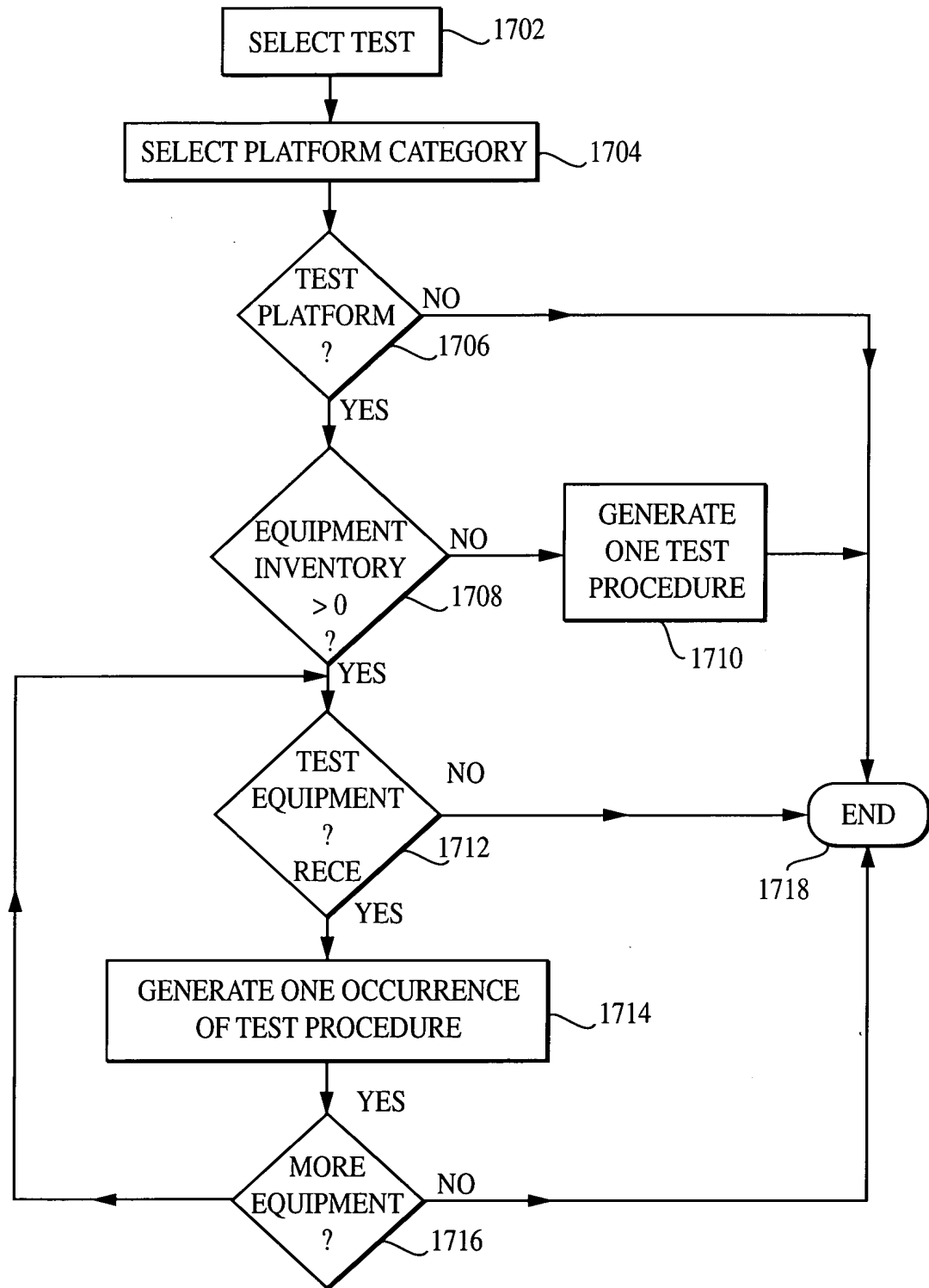


FIG. 17

http://latha/webc1.1/Test/webca\_CreateTestProc.asp - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Messenger

Address http://latha/webc1.1/Test/webca\_CreateTestProc.asp Go Links

Xacta Web C&A

PROJECT LIST LOG OFF

1. INFO GATHERING 2. REQUIREMENTS ANALYSIS 3. TESTING 4. RISK ASSESSMENT 5. PUBLISHING

Test Plan Info Associate Requirements Test Procedures Enter Test Results Security Check List

Project: user01 Add Test Procedure BACK FORWARD

Warning: Previously published sections related to "Add Test Procedure" must be re-published to reflect your changes  
Required field (\*)- If applicable

Associated Requirement: BBBB-BBBB-BBBB

Test Title \* 1802

Category \* 1804

Test Procedure \* 1808

Expected Result \* 1810

1812

Associate

Clear

Help

NEXT STEP

Testing:  
Security  
Check List

FIG. 18

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Messenger

Address http://latha/webca1.1/Test/webca\_CreateTestProc.asp

PROJECT LIST LOG OFF

1. INFO GATHERING 2. REQUIREMENTS ANALYSIS 3. TESTING 4. RISK ASSESSMENT 5. PUBLISHING

Test Plan Info Associate Requirements Test Procedures Enter Test Results Security Check List

Project: user01

BACK FORWARD

Warning: Previously published sections related to "Edit Test Procedure" must be re-published to reflect your changes

Required field (\*) - If applicable

Test Title \* 1802

Category \* 1804

Equipment under test : 1901

Test Procedure \* 1808

Account locked out after 3 unsuccessful logon attempts

Compusec

NT-Mail Server

Expected Result \* 1810

User account will be locked out after 3 consecutive unsuccessful logon attempts.

Save 1902

Reset 1904

Help 1906

After completing the section, save your changes and click on the Forward button on the status bar to continue on to the next step or click the Back button on the status bar to return to the previous step.

NEXT STEP

Testing:

Enter Test Results

Done

Local intranet

FIG. 19

[illegible]

**FIG. 20A**

Xacta Corp. - Web C&A Testing - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Messenger

Address http://lathalwebca1.1/Test/webca\_CreateTestProc.asp

PROJECT LIST LOG OFF

1. INFO GATHERING 2. REQUIREMENTS ANALYSIS 3. TESTING 4. RISK ASSESSMENT 5. PUBLISHING

Test Plan Info Associate Requirements Test Procedures Enter Test Results Security Check List

Project: Communications Planning System Enter Test Results BACK FORWARD

Required field (\*) - If applicable

Test Title \* Access via Unauthenticated Login 1802

Category \* Compusec 1808

Equipment under test: Other-Dell PowerEdge 1901

Test Procedure \* Expected Result \* 1710

Setup: Admin account Remote terminal (for accessing the system via anonymous ftp) Login as Admin Verify that

None of the entries in /etc/hosts equiv contain ?+? or non-local host names.

None of the entries in /etc/hosts.1pd contain ?+? or non-local.

Result\* Notes: 2020

Tester\* Date\* (mm/dd/yyyy) 2022 2024 2026

Save Reset Help

After completing the section, save your changes and click on the Forward button on the status bar to continue on to the next step or click the Back button on the status bar to return to the previous step.

NEXT STEP

Testing: Security Check List

Intro to Web C & A Tools Support Legal Notices

Done Local intranet

FIG. 20B

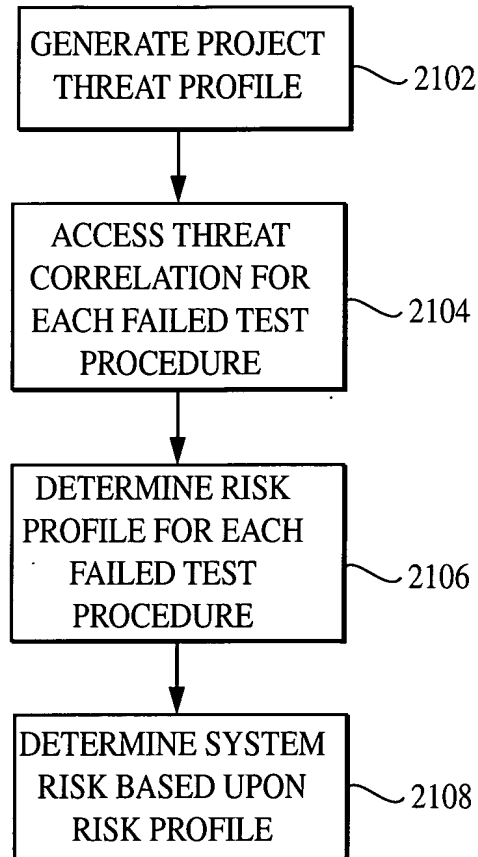


FIG. 21

	THREAT CATEGORY	SUB-CATEGORY	SUB-SUB-CATEGORY
1	NATURAL DISASTER	FIRE	
2		FLOOD	
3		EARTHQUAKE	
4		VOLCANO	
5		TORNADO	
6		LIGHTNING	
7	SYSTEM FAILURE	HARDWARE	
8		POWER	
9		COMMUNICATION LINK	
10	ENVIRONMENTAL FAILURE	TEMPERATURE	
11		POWER	
12		HUMIDITY	
13		SAND/DUST	
14		SHOCK/VIBRATION	
15	HUMAN UNINTENTIONAL	SOFTWARE DESIGN ERROR	
16		SYSTEM DESIGN ERROR	
17		OPERATOR ERROR	SYSTEM ADMINISTRATOR
18			REGULAR USER
19			MAINTENANCE PERSONNEL
20	HUMAN INTENTIONAL	AUTHORIZED PERSONNEL	SYSTEM ADMINISTRATORS
21			MAINTENANCE PERSONNEL
22			REGULAR USERS
23		UNAUTHORIZED USERS	TERRORISTS
24			HACKERS
25			SABOTEURS
26			THIEVES
27			VANDALS
28		PHYSICAL COMBAT	
29		ELECTRONIC WARFARE	

FIG. 22

2302 2304

Xacta Corp. - Web C&A Risk Assessment - Netscape  
File Edit View Go Communicator Help

Xacta Web C&A  
PROJECT LIST LOG OFF

1. INFO GATHERING 2. REQUIREMENTS ANALYSIS 3. TESTING 4. RISK ASSESSMENT 5. PUBLISHING  
Threat Environment Analyze Risk Elements System Level Risk

Project: MT Project One  
Required field (\*) - If applicable

Natural Disaster:

1 Fire  
2 Flood  
3 Earthquake  
4 Volcano  
5 Tornado  
6 Lightning

Calculated Value  
Low  
Low  
Low  
Low  
Low  
Low

User Defined Value  
Low  
Low  
Low  
Low  
Low  
Low

System Failure:

7 Hardware  
8 Software  
9 Communication

Calculated Value  
Low  
Low  
Negligible

User Defined Value  
Low  
Low  
Negligible

Environmental Failure:

10 Temperature  
11 Power  
12 Humidity  
13 Sand/Dust  
14 Vibration/Shock

Calculated Value  
Negligible  
Negligible  
Negligible  
Negligible  
Negligible

User Defined Value  
Negligible  
Negligible  
Negligible  
Negligible  
Negligible

Human Unintentional:

15

Calculated Value  
Negligible

User Defined Value  
Negligible

After filling in the Risk Threat Environment Information click the Save button followed by the Forward button on the status bar to continue on to the next step:

Save Reset Help

NEXT STEP  
Risk:  
Analyze Risk Elements

Document: Done

FIG. 23



IF A CHARACTER POSITION IN THE PROJECT THREAT PROFILE STRING IS:	AND THE CORRESPONDING CHARACTER POSITION IN THE THREAT CORRELATION STRING IS:	THEN THE CORRESPONDING CHARACTER POSITION IN THE RISK PROFILE STRING IS:
N	ANYTHING	N
L	N	L
L	L	L
L	M	L
L	H	M
M	N	N
M	L	L
M	M	M
M	H	M
H	N	N
H	L	M
H	M	H
H	H	H

FIG. 24

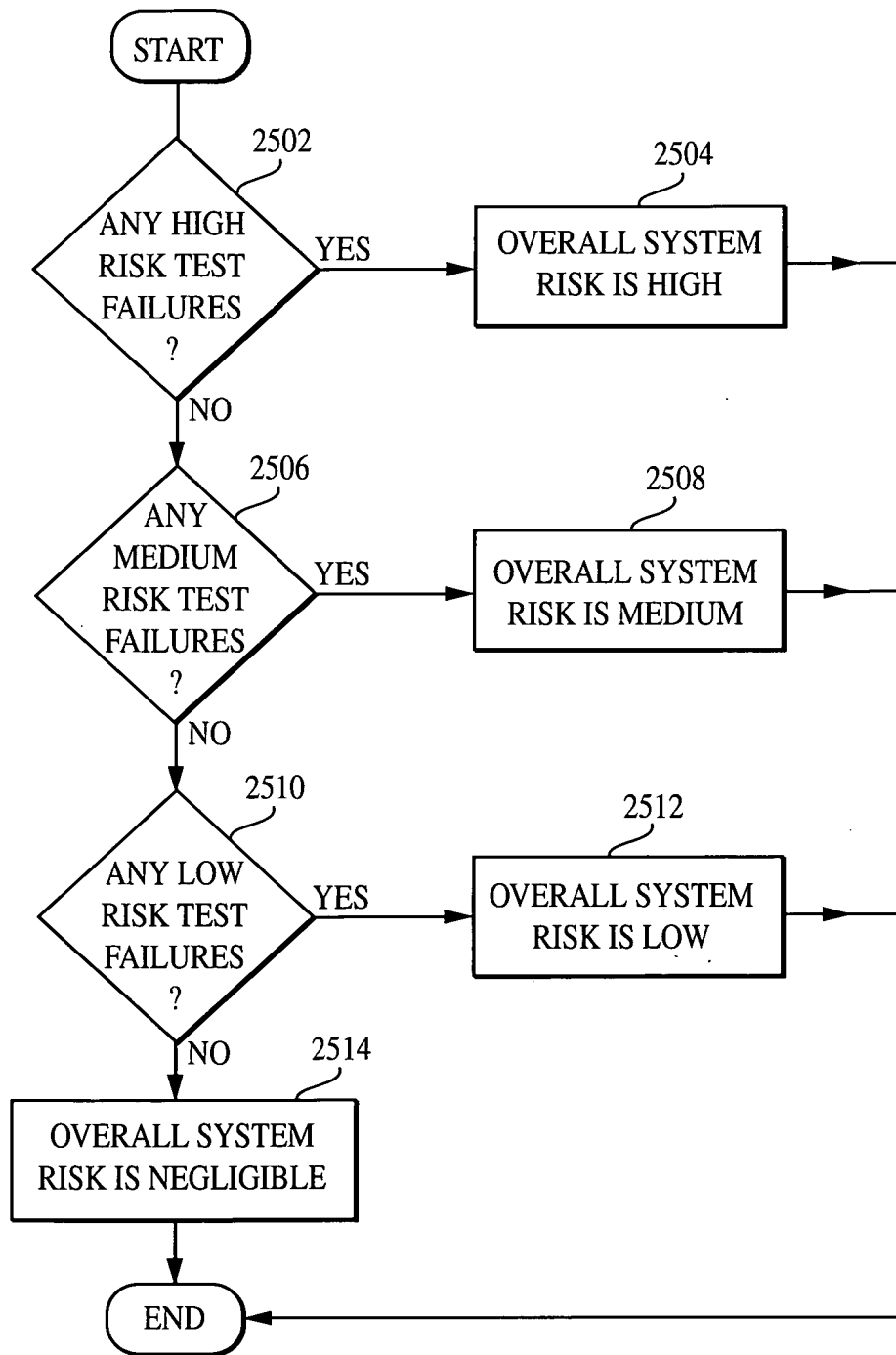


FIG. 25

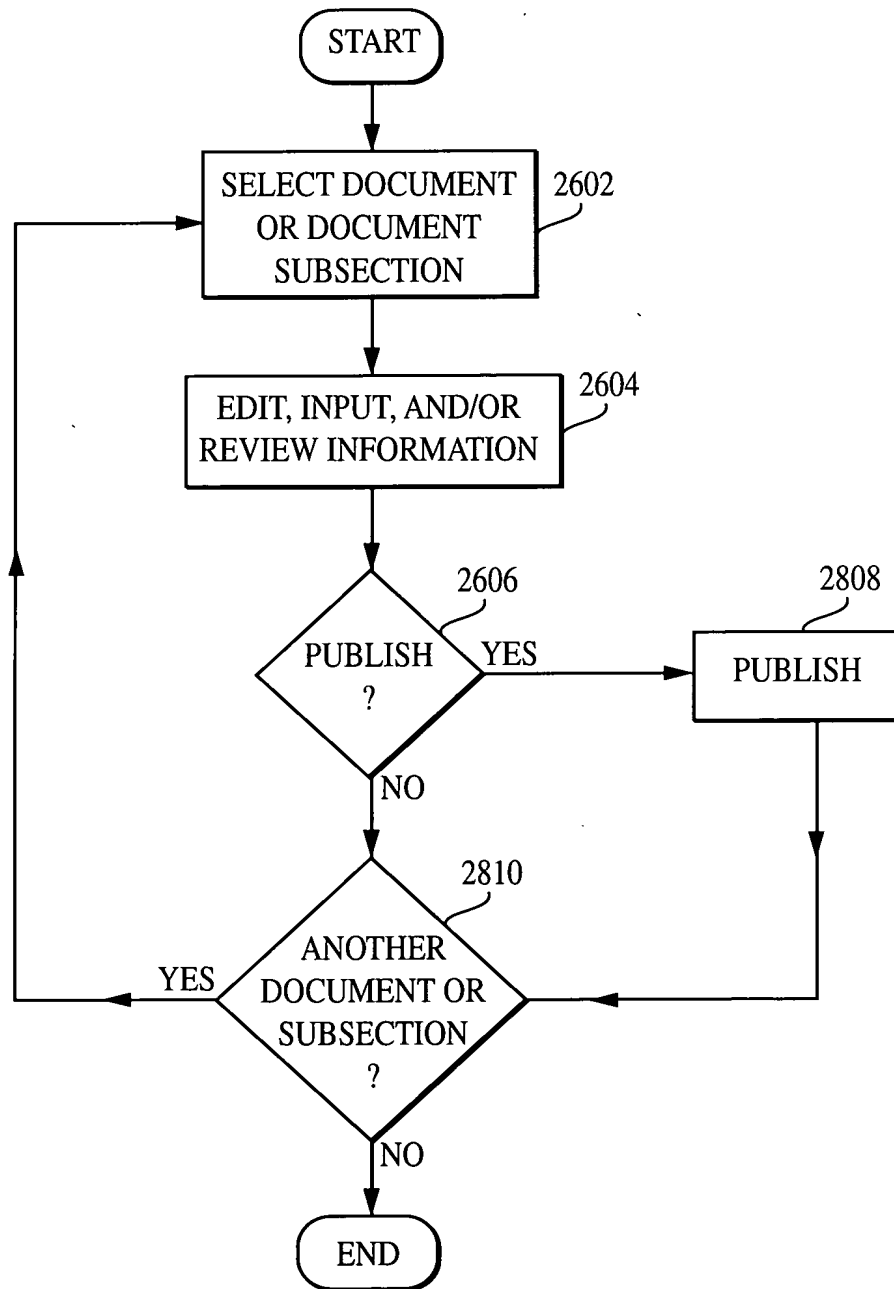


FIG. 26

SSAA Main Menu-Netscape  
File Edit View Go Communicator Help

Xacta Web C&A

PROJECT LIST LOG OFF

1. INFO GATHERING 2. REQUIREMENTS ANALYSIS 3. TESTING 4. RISK ASSESSMENT 5. PUBLISHING

Classification SSAA Appendices

Project: MT Project One Main SSAA Navigation BACK FORWARD

Required field (\*) - If applicable

Select an SSAA subsection to work on: 2702

1.1 System Name and Identification  
1.1.1 System Name and Identification  
1.2 System Description  
1.3 Functional Description  
1.3.1 System Capabilities  
1.3.2 System Criticality  
1.3.3 Classification and Sensitivity of Data Processed  
1.3.4 System Operator Description and Clearance Levels  
1.3.5 Life-Cycle of the System  
1.4 System Concept of Operations  
2.1 Operational Environment  
2.1.1 Facility Description  
2.1.2 Physical Security  
2.1.3 Administrative Issues  
2.1.4 Personnel  
2.1.5 COMSEC  
2.1.6 TEMPEST  
2.1.7 Maintenance Procedures  
2.1.8 Training Plans  
2.2 System Development and Maintenance Environment  
2.3 Threat Description

OK

pls | Support | Legal Notices

You should begin by selecting SSAA subsection 1.1. After completing that section, move on to 1.2, 1.3, etc. After completing sections 1 - 6, click the forward arrow on the status bar to move on to the next step.

NEXT STEP

Publishing:  
Main  
Appendices  
Navigation

©2000 Xacta Corporation. All rights reserved.

Document: Done

FIG. 27

2702

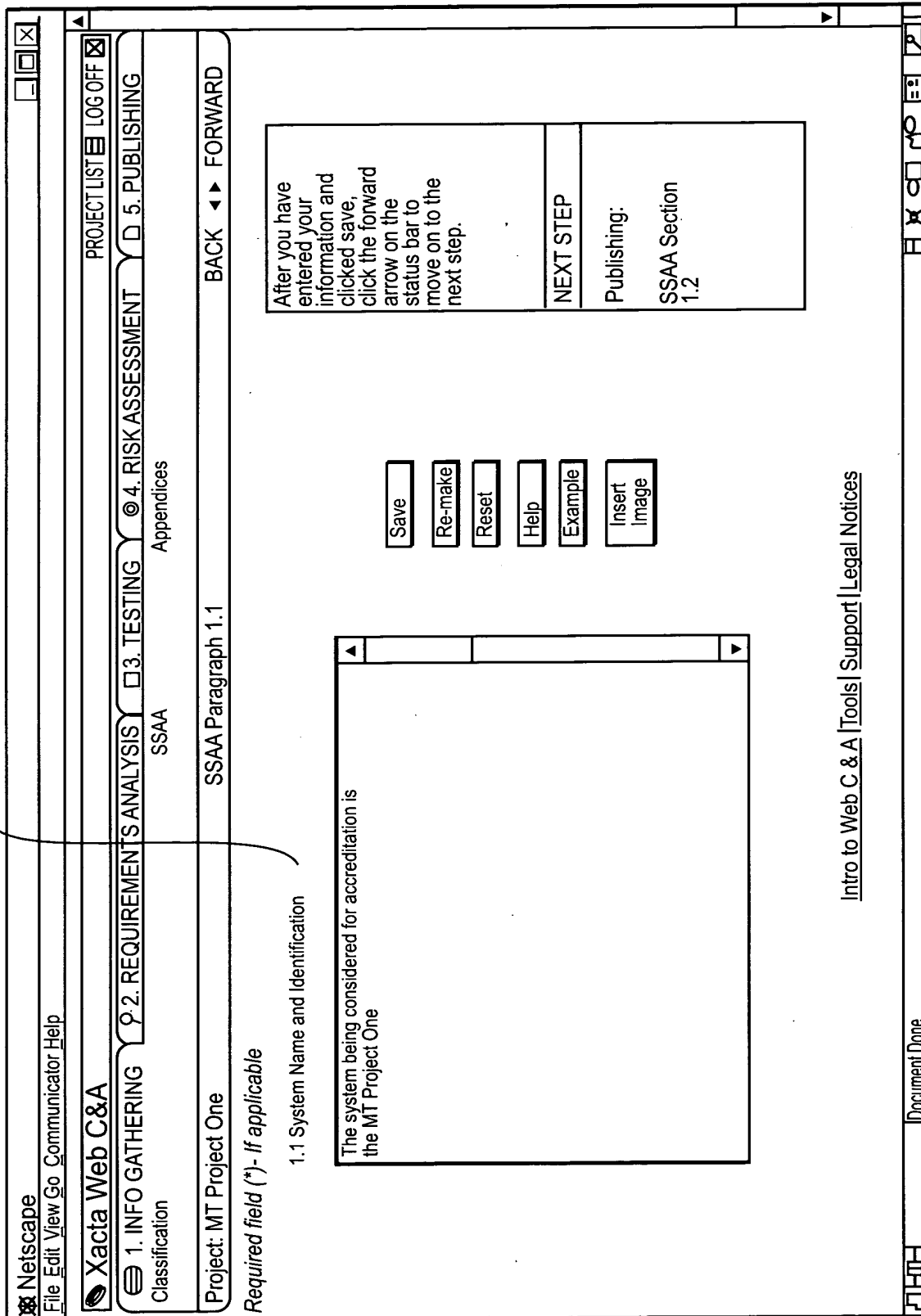


FIG. 28

Appendices Main Menu - Netscape

File Edit View Go Communicator Help

Xacta Web C&A

PROJECT LIST LOG OFF

1. INFO GATHERING

2. REQUIREMENTS ANALYSIS

3. TESTING

4. RISK ASSESSMENT

5. PUBLISHING

Classification

SSAA

Appendices

Project: MT Project One

Main Appendices Navigation

BACK FORWARD

Required field (\*)- If applicable

2902

Select an Appendix to work on:

A. Acronyms

A. Acronyms

B. Definitions

C. References

D. System Concept of Operations

E. Information Security Policy

F. Security Requirements Traceability Matrix (SRTM)

G. Certification Test and Evaluation Plan and Procedures

H. Security Test and Evaluation Plan and Procedures

I. Applicable System Development Artifacts or System Documents

J. System Rules of Behavior

K. Incident Response Plan

L. Contingency Plans

M. Personnel/Technical Security Controls

N. Memoranda of Agreement

O. Security Education, Training and Awareness Plan

P. Certification Test Results

Q. Risk Assessment Results

R. Certification and Accreditation Statement

OK

You should begin by selecting Appendices section A, B...R.

Pls | Support | Legal Notices

bration. All rights reserved.

Document: Done

FIG. 29

Netescape  
File Edit View Go Communicator Help

Xacta Web C&A

PROJECT LIST LOG OFF

1. INFO GATHERING

2. REQUIREMENTS ANALYSIS

3. TESTING

4. RISK ASSESSMENT

5. PUBLISHING

Classification

SSAA

Appendices

Project: MT Project One

Appendix A

BACK FORWARD

Required field (\*) - If applicable

Acronym	Description	Edit	Delete
ACERT	Army Computer Emergency Response Team		X
ADP	Automated Data Processing		X
AIS	Automated Information System		X
AISSP	Army Information Systems Security Program		X
AR	Army Regulation		X
ASAP	As soon as possible		X
ASG	Administrator's Security Guide		X
ATTCCS	Army Tactical Command and Control System		X
BAS	Battlefield Automation System		X
BFA	Battlefield Functional Area		X

Page 1 of 18

2902

Add Publish

Intro to Web C & A | Tools | Support | Legal Notices

©2000 Xacta Corporation. All rights reserved.

Document Done

FIG. 30

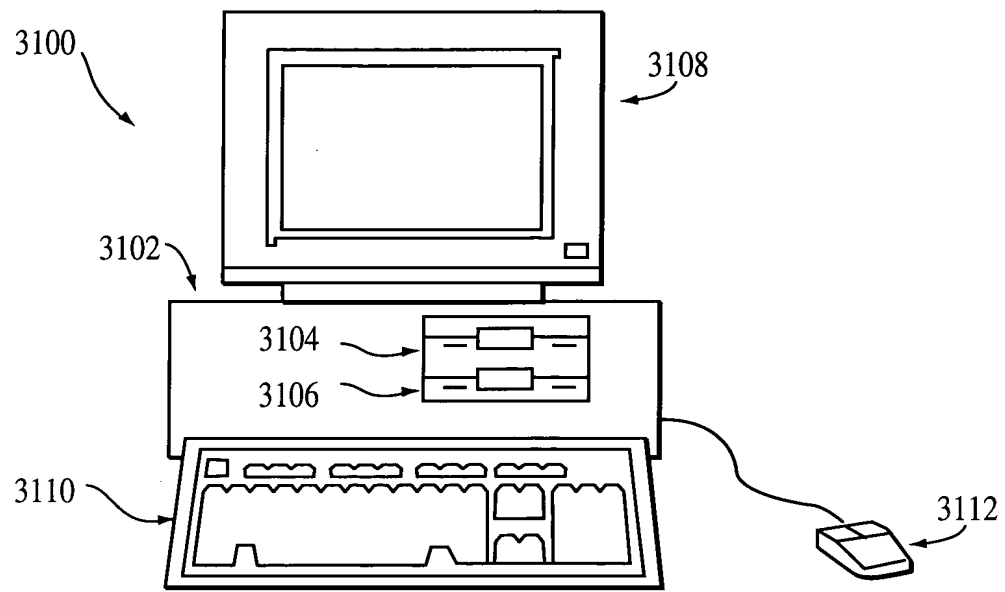


Fig. 31

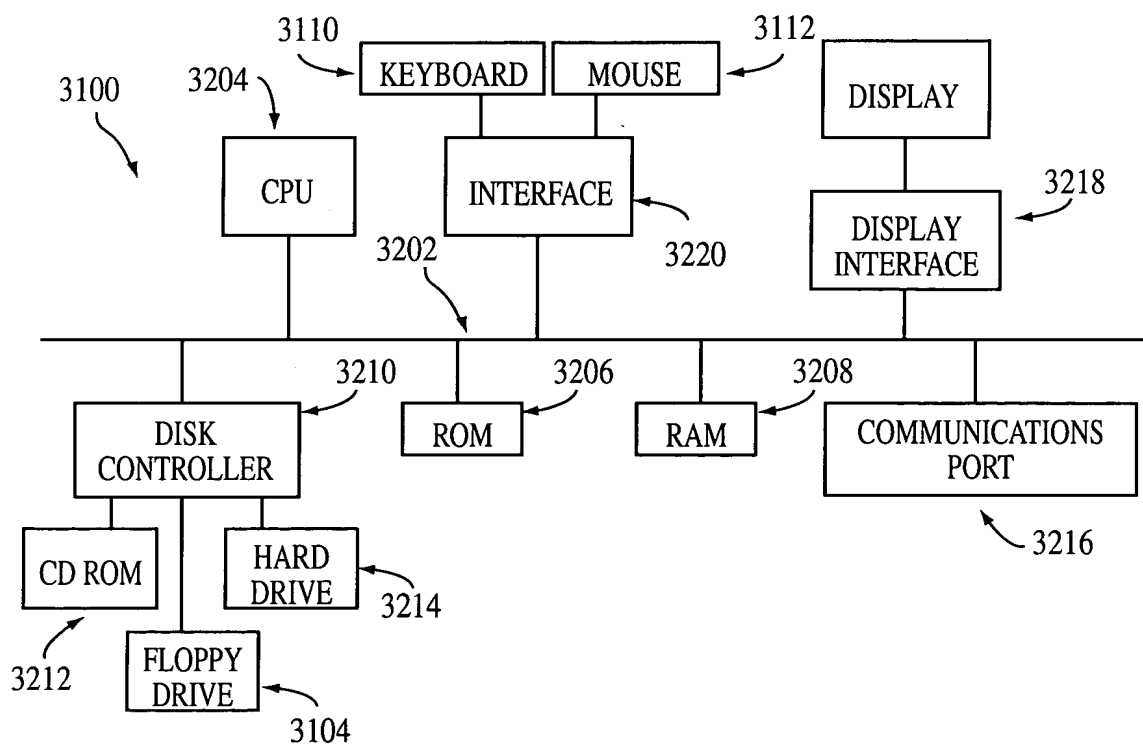


Fig. 32



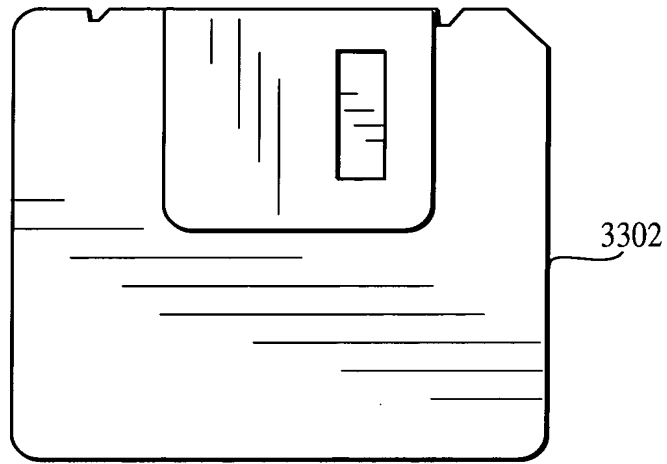


FIG. 33

WCA_ThreatCategory
categoryRank rank threatCategory threatElement

WCA_ClassWeight
PK <u>ID</u> characteristic alternative weight applPubFormat

WCA_OSSource
PK <u>osReferences</u> osFamily osMfr osName osVersion osPatchLevel

WCA_MLSecClass
ID maxDateClass minUserClear case1 case2 case3

WCA_DocEventSrc
applPubFormat documentEvent

WCA_SysUserCategory
PK <u>sysUserCategoryID</u> category categoryType

WCA_MarkerLookup
marker sqlStatement retrievalType errorMessageText

WCA_InfoCategory
PK <u>InfoCatID</u> infoCatName infoCatValue rank weight

WCA_AppdxTTLSrc
document title letter applPubFormat appendixType

WCA_LookupMgr
PK <u>tableName</u> PK <u>columnName</u> webCaLookupsID lookupDescription wiSize

WCA_TestProcSrc
PK <u>templateID</u> cat1 cat2 cat3 osType testText expectedResult testInstance testTitle certAnalysisLevel threat impactStatement interviewFlag observationFlag testFlag documentFlag testCategoryID

WCA_AuditLog
PK <u>id</u> PID ProjectName TableName KeyValues StageName ProcessStep PageID UserID IPAddress ActionDesc ActionStatus ActionTime EventType ErrorMessage UserName

WCA_HelpExampleSrc
PK <u>ID</u> PK <u>applPubFormat</u> page type title helptext height width seeAlso pageID heading sigID

FIG. 34C	FIG. 34D	FIG. 34A	FIG. 34B
FIG. 34F	FIG. 34G	FIG. 34H	FIG. 34I
FIG. 34J	FIG. 34K	FIG. 34L	FIG. 34M

FIG. 34A

FIG. 34

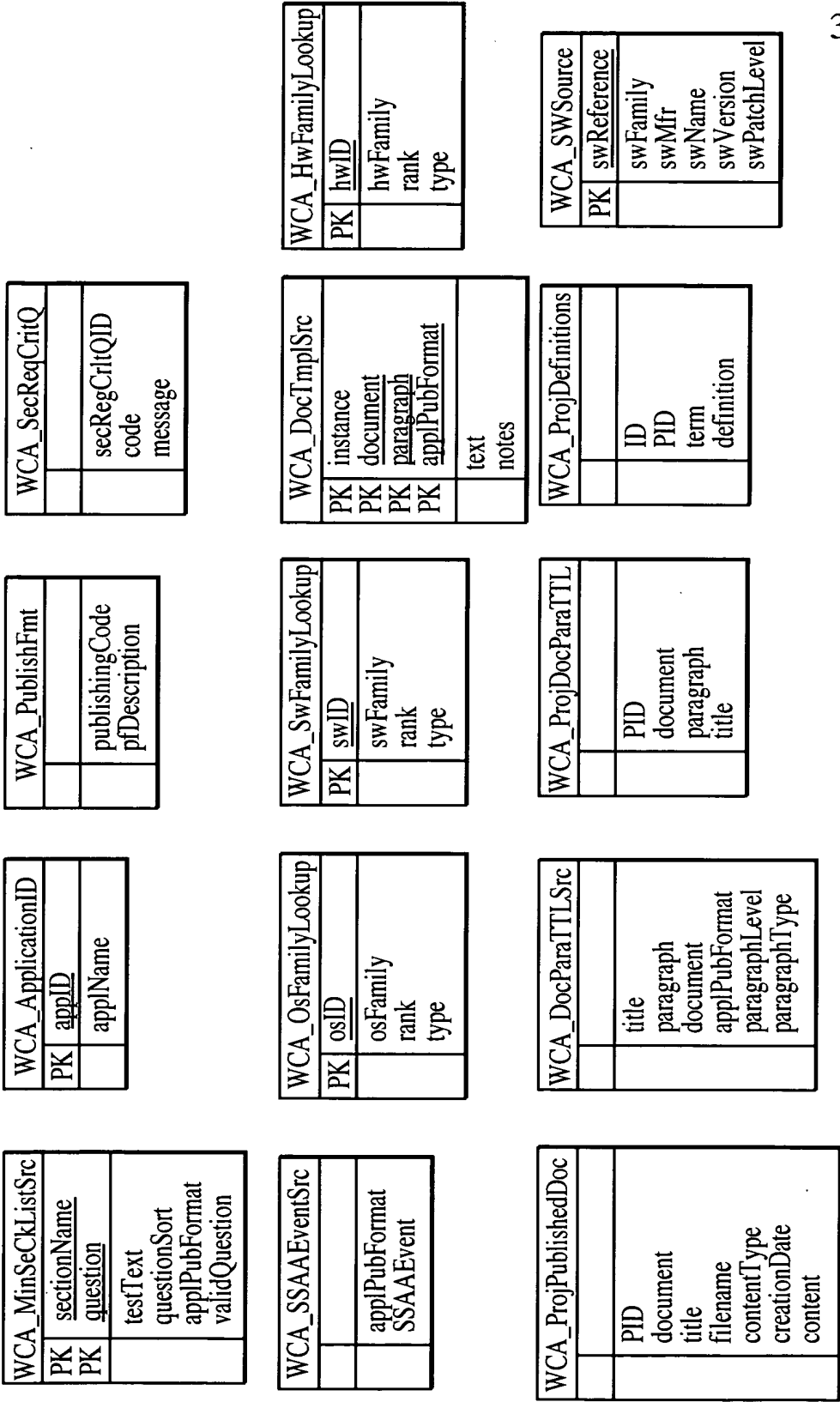


FIG. 34B

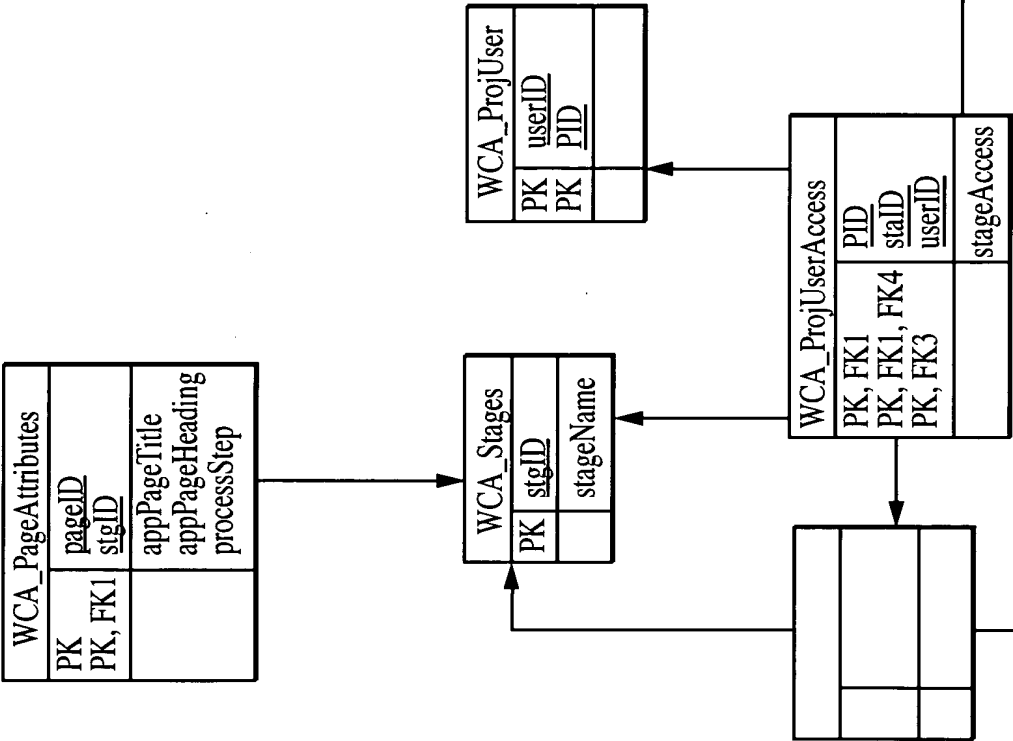


FIG. 34C

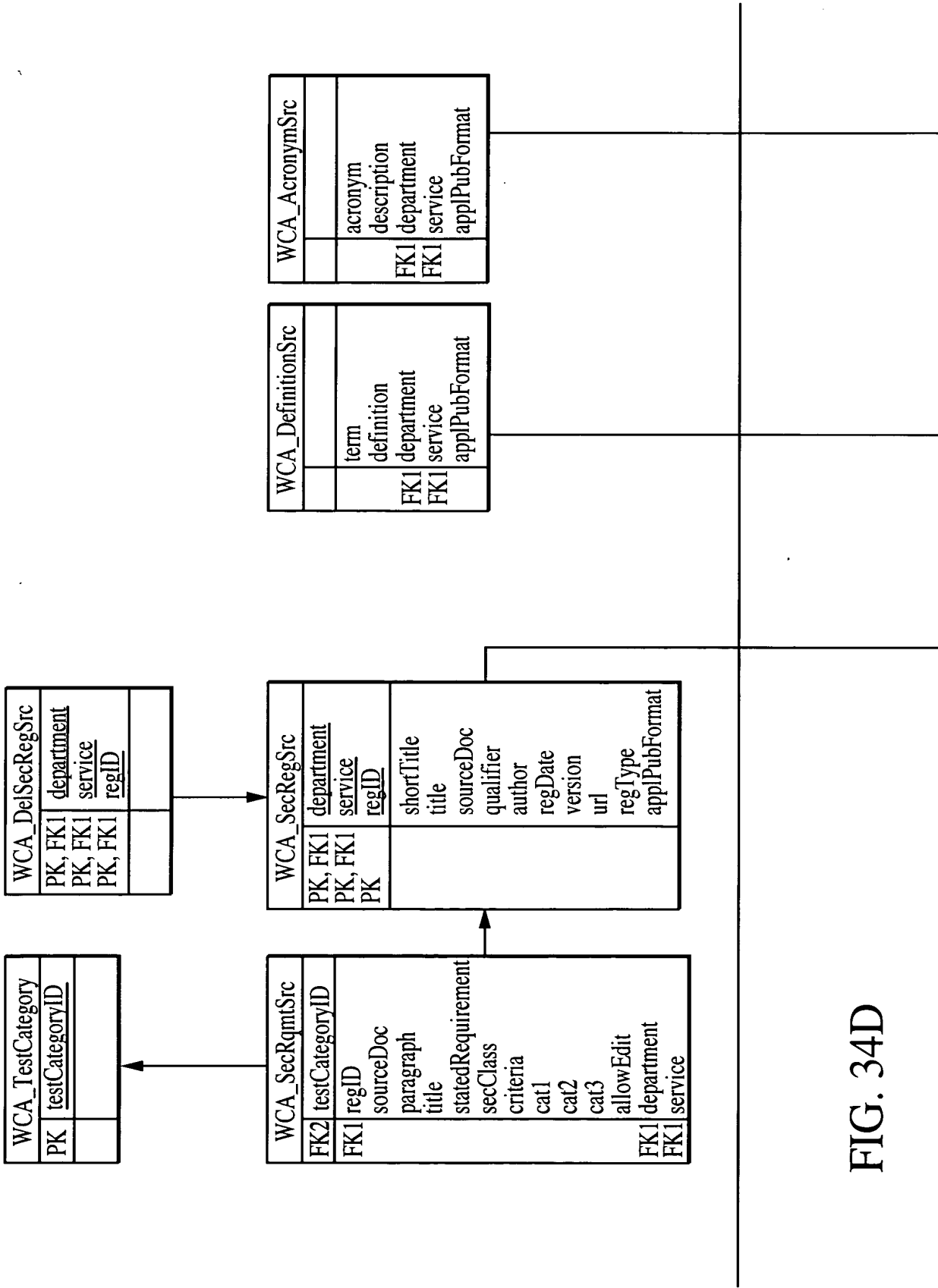


FIG. 34D

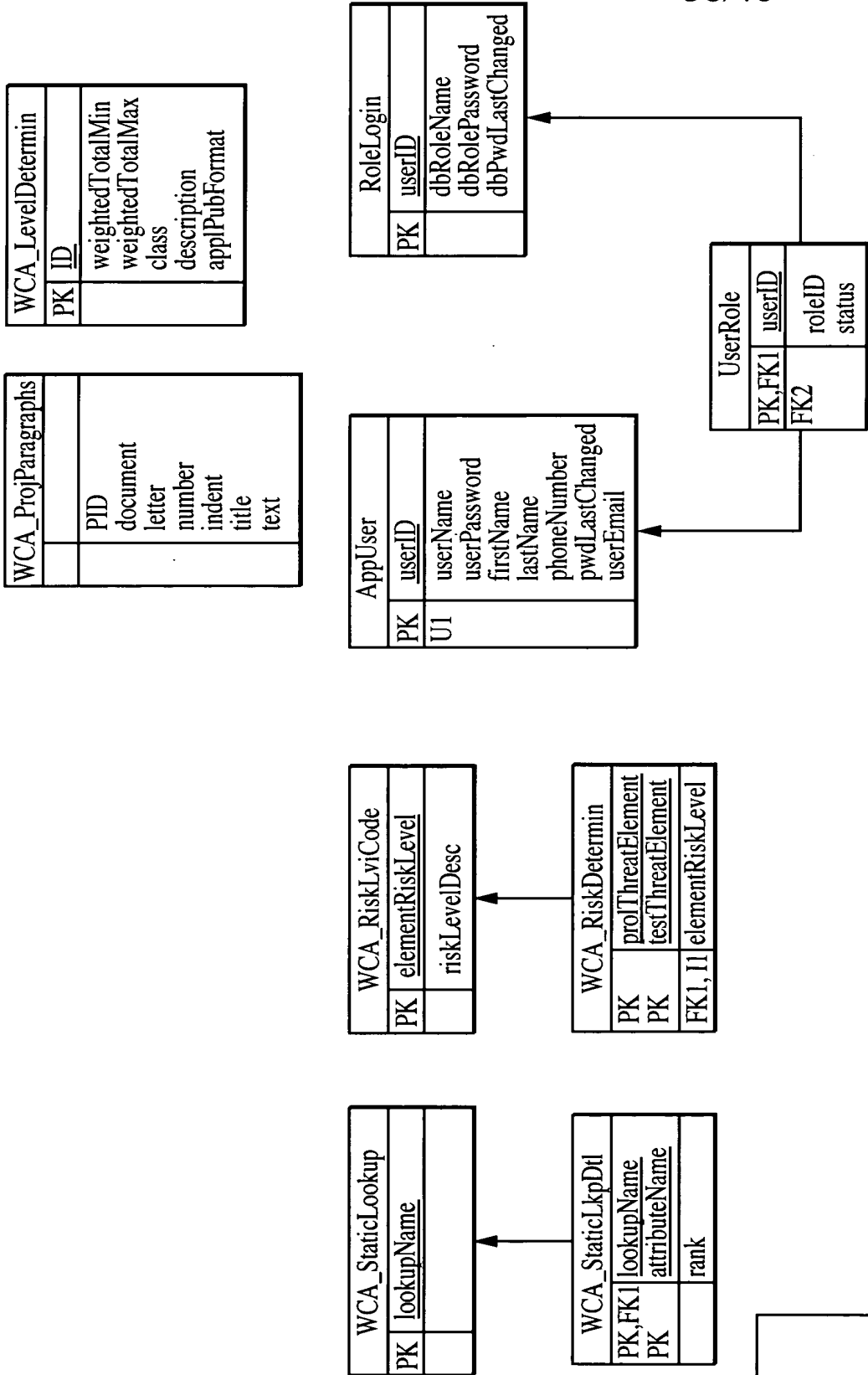


FIG. 34E

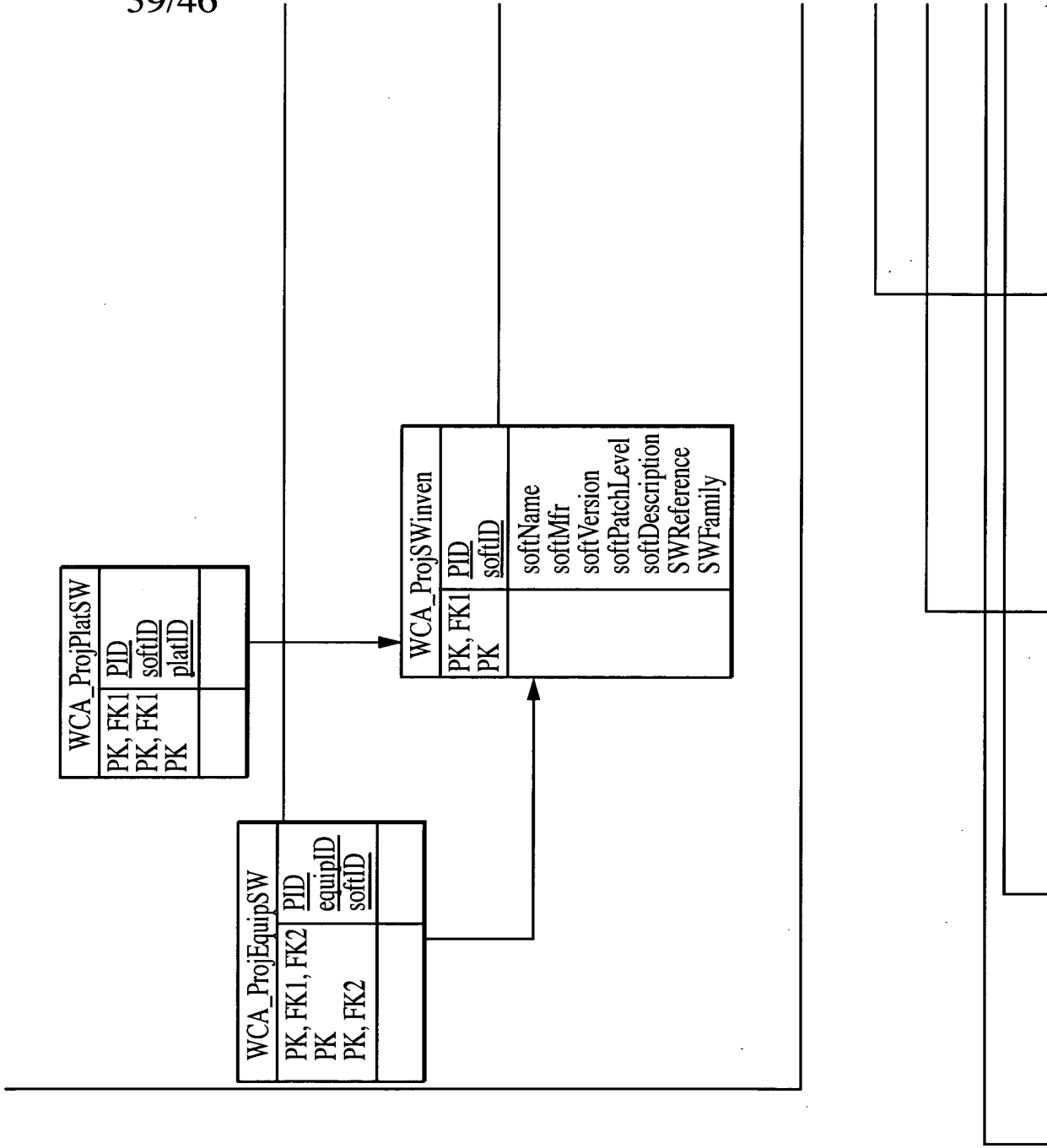


FIG. 34F

FIG. 34G

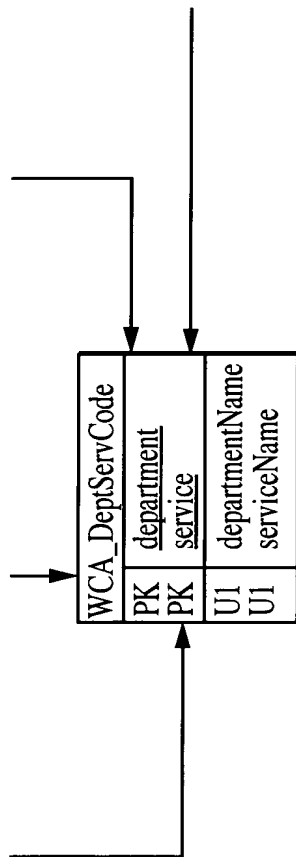
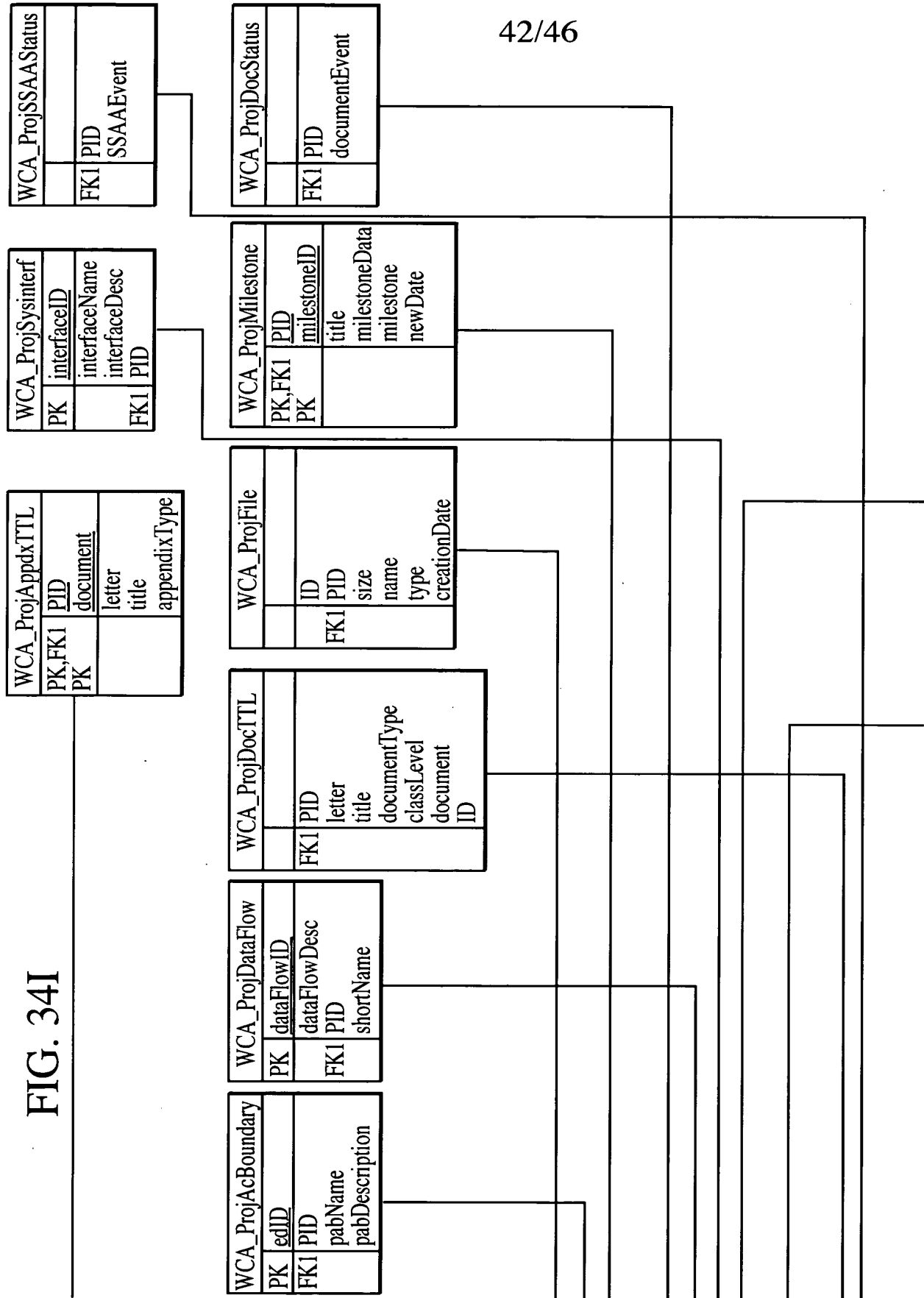
[illegible]





FIG. 34I



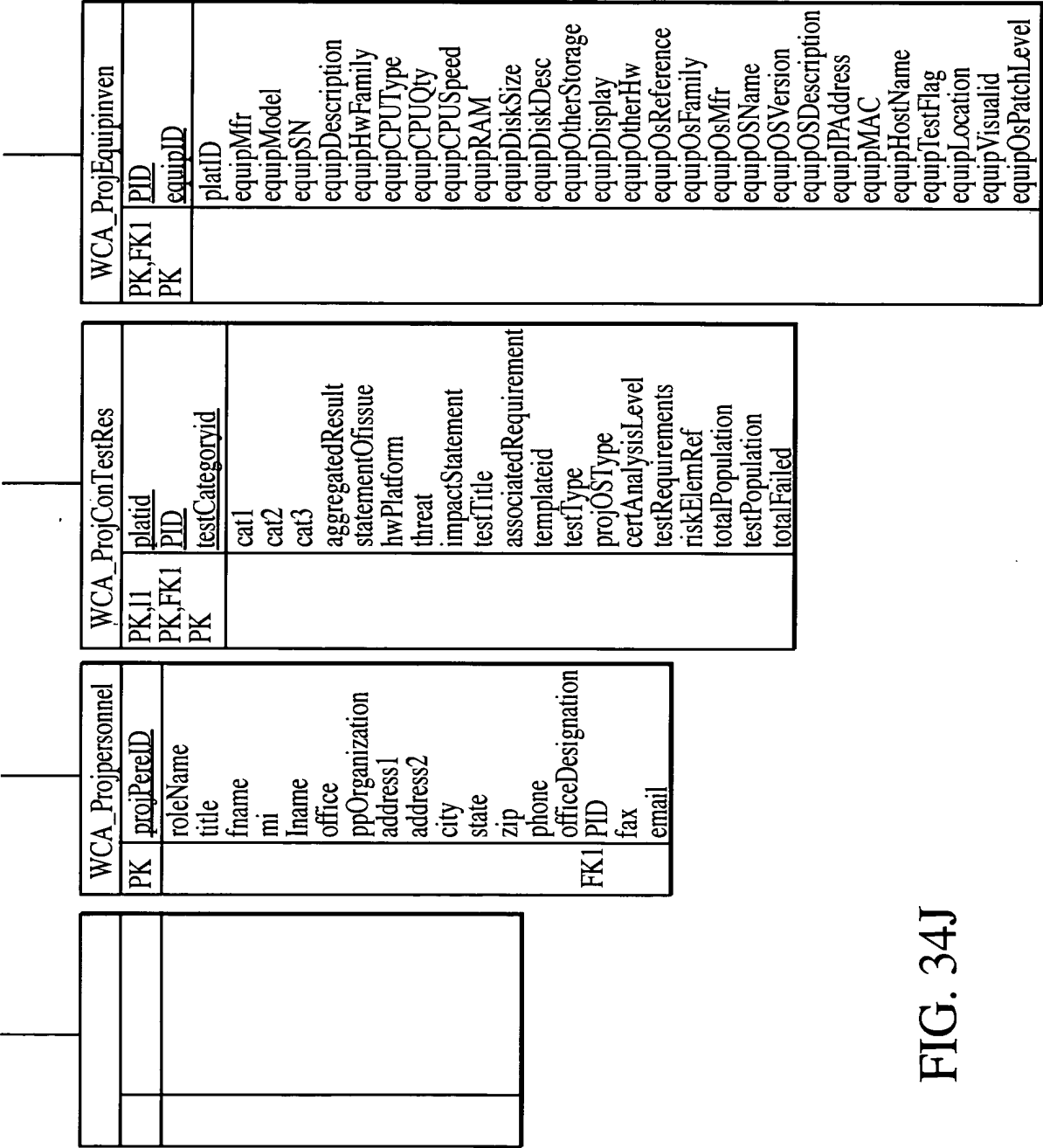


FIG. 34J

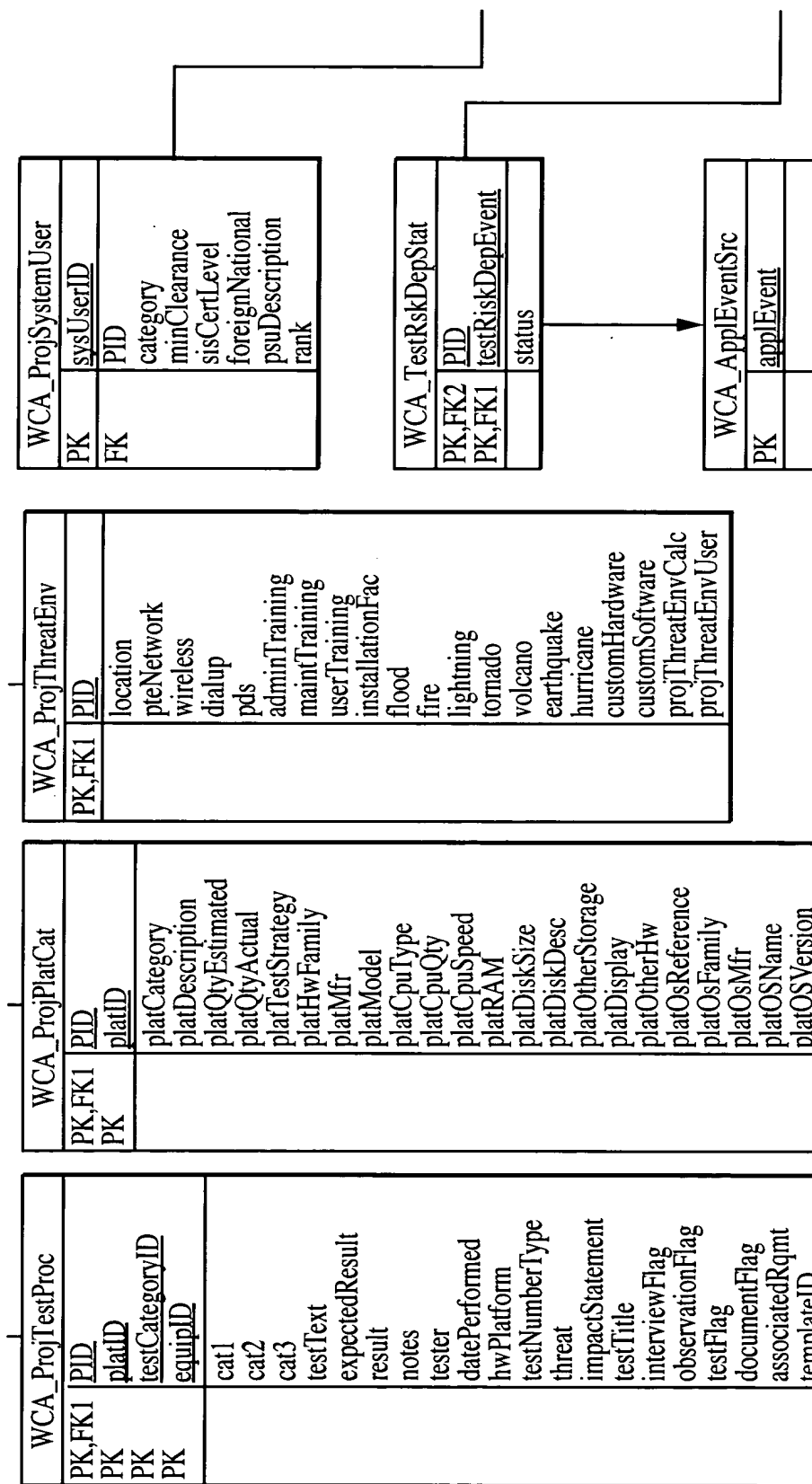


FIG. 34K

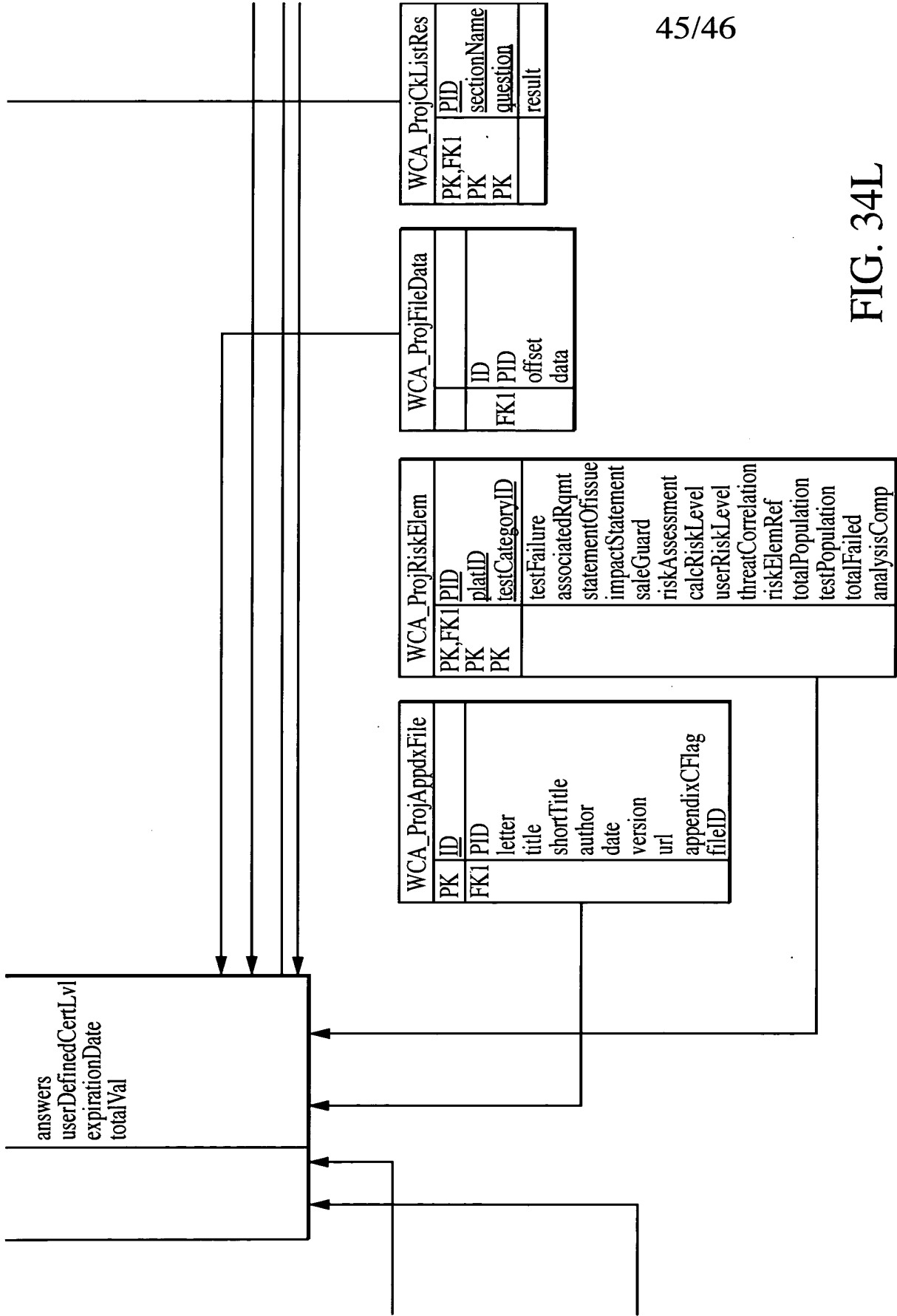


FIG. 34L

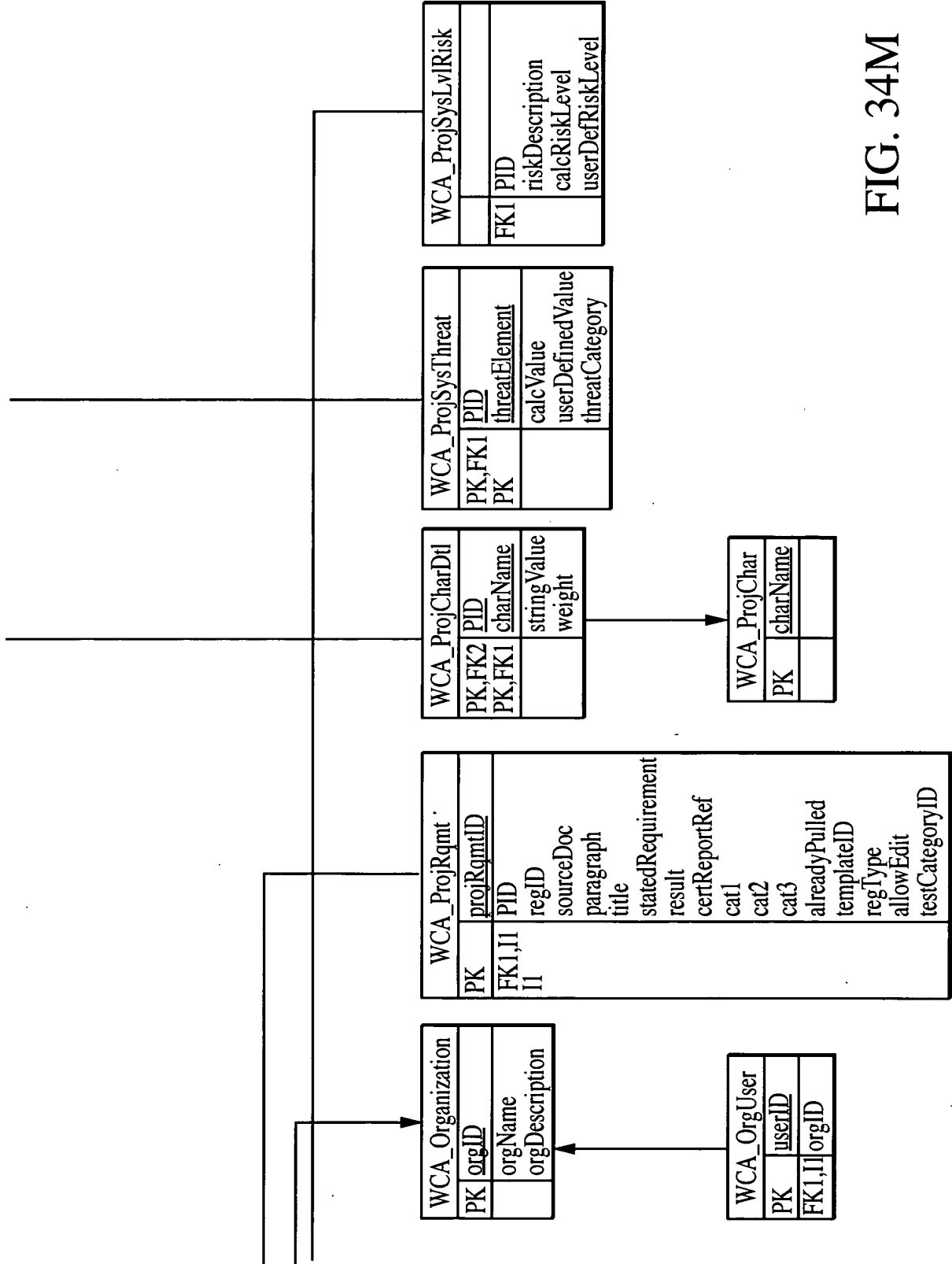


FIG. 34M